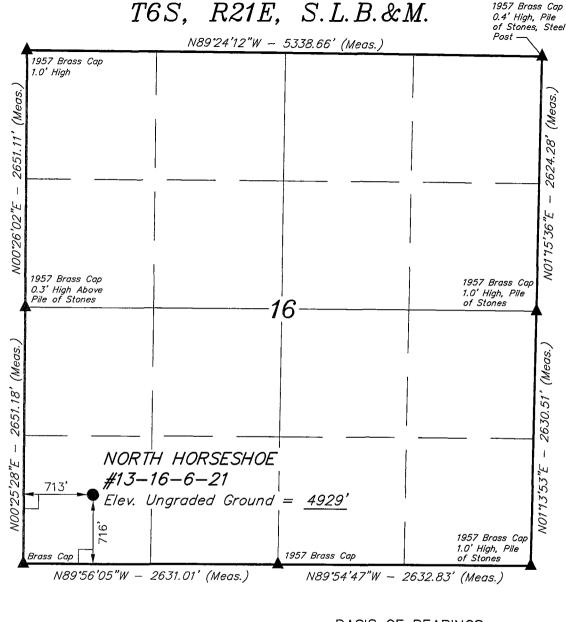


#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT (highlight changes)

						5. MINERAL LEASE NO: ML-49317	6. SURFACE: State	
1A. TYPE OF WORK: DRILL Z REENTER DEEPEN D						7. IF INDIAN, ALLOTTEE O	R TRIBE NAME:	
B. TYPE OF WE	LL: OIL 🗌	GAS 🗾	OTHER	SIN	GLE ZONE MULTIPLE ZON	IE 🗾	8. UNIT of CA AGREEMENT	NAME:
2. NAME OF OPERATOR:  The Houston Exploration Company  9. WELL NAME and NUMBER: North Horseshoe 13-16								13-16-6-21
3. ADDRESS OF 1100 Louis		20 <sub>CITY</sub> Houst	on <sub>STATI</sub>	TX ZIP 770	PHONE NUMBER: (713) 830-6800		10. FIELD AND POOL, OR V	MLDCAT:
4. LOCATION OF	4. LOCATION OF WELL (FOOTAGES)  11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:							
	716' FSL 8	& 713 FWL <sub>NE:</sub> Same a	الم 44 s above.	1204	-109, 567509		SWSW 16 T6	S 21E
			REST TOWN OR POS	T OFFICE:		· ,	12. COUNTY:	13. STATE: UTAH
	s south of \		INE (SEET)	L 40 MUMPER O	5.40DF0.WU.5.40F	T .=	Uintah	
713'	J NEAREST PROF	PERTY OR LEASE I	LINE (FEET)	16. NUMBER O	F ACRES IN LEASE: 720	17. N	UMBER OF ACRES ASSIGNE	D TO THIS WELL:
1,500'	R) ON THIS LEASE	. ,		19. PROPOSED	9,400	1	OND DESCRIPTION: 04155044	
		R DF, RT, GR, ETC	D.):	1	ATE DATE WORK WILL START:	1	STIMATED DURATION:	
4,927' GF	<u> </u>			1/1/2006	)	30	Days	
24.			PROPOSE	D CASING A	ND CEMENTING PROGRAM			
SIZE OF HOLE		GRADE, AND WEI	GHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QU	ANTITY	, YIELD, AND SLURRY WEIGH	ſΓ
11"	8 5/8"	J-55	36#	2,000	Premium Lite II	250	) SKS 3.38 C	F 11.0 PPC
					CLASS "G"	329	9 SKS 1.2 C	F 15.6 PPC
<del></del>					Calcium Chloride	200	) SKS 1.10 C	F 15.6 PPC
7 7/8	4 1/2	N-80	11.6#	9,400	Premium Lite II	200	) SKS 3.3 C	F 14.3 PPC
					i sala			- Andrew
*	I		<u></u>				· · · · · · · · · · · · · · · · · · ·	
25.		T.O. I. T. O.			CHMENTS		<b>CONFIDE</b>	NTIAL
C27					ONSERVATION GENERAL RULES:			3 1 1 11 Wa
L21			ED SURVEYOR OR EN		COMPLETE DRILLING PLAN			
<b>✓</b> EVIDENO	CE OF DIVISION C	F WATER RIGHTS	APPROVAL FOR USE	OF WATER	FORM 5, IF OPERATOR IS PI	ERSON	OR COMPANY OTHER THAN	THE LEASE OWNER
				"	<u> </u>		<del> </del>	
NAME (PLEASE	PRINT) Willian	n A R <del>yan</del>	$\supset$		Agent		1	
SIGNATURE	Wille	in a	Ma-		DATE 12.20	04		
(This space for Sta	te use only)			<b>5</b> :9	Approved by the Utah Division of	•	RECE	VED
API NUMBER AS	SIGNED: 4	3-047- <i>3</i>	7575	C	Oil, Gas and Minis	ia L	DEC 27	2005
(11/2001)				(See Instruction	ons on Reverse Side)	ĹΫ	DIV. OF OIL, GAS	& MINING



#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

#### LEGEND:

\_\_ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

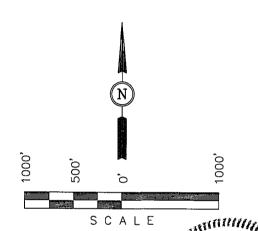
(AUTONOMOUS NAD 83)
LATITUDE = 40°17'36.94" (40.293594)
LONGITUDE = 109°34'05.77" (109.568269)
(AUTONOMOUS NAD 27)
LATITUDE = 40°17'37.08" (40.293633)
LONGITUDE = 109°34'03.28" (109.567578)

#### THE HOUSTON EXPLORATION COMPANY

Well location, NORTH HORSESHOE #13-16-6-21, located as shown in the SW 1/4 SW 1/4 of Section 16, T6S, R21E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 16, T6S, R21E, S.L.B.&M. TAKEN FROM THE VERNAL, SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BFING 5217 FFFT.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLANTAGE PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDERSOR
SUPERVISION AND THAT THE SAME ARE THE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELLET.

REGISTERED TAND SURVEYOR REGISTRATION NO. 161819) F

# UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 11-17-05
PARTY N.H. D.S. P.M.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE THE HOUSTON EXPLORATION COMPANY

## THE HOUSTON EXPLORATION COMPANY

WELL NAME	API	LEAD	TAIL
		sks	sks
NH 9-16-6-21	43-047-37439	415	514
NH 3-16-6-21	43-047-37391	415	514
NH 13-16-6-21	43-047-37575	415	514
NH 15-2-6-21	43-047-37477	415	514
NH 13-2-6-21	43-047-37476	415	514
			_
NH 11-16-6-21	43-047-37441	499	515
NH 7-16-6-21	43-047-37438	499	515
NH 1-16-6-21	43-047-37442	499	515
NH 15-16-6-21	43-047-37440	499	515
NH 12-7-6-22	43-047-37392	415	515
NH 16-9-6-22	43-047-37393	415	515
NH 14-10-6-22	43-047-37394	415	515
NH 4-15-6-22	43-047-37396	415	515
NH 2-15-6-22	43-047-37395	415	515
NWH 13-36-6-23	43-047-37463	357	526
NWH 15-36-6-23	43-047-37464	357	526
NWH 11-36-6-23	43-047-37462	357	526
NWH 14-32-6-23	43-047-37478	357	526
NWH 2-32-6-23	43-047-37399	357	526
NWH 8-32-6-23	43-047-37401	357	526
NWH 10-32-6-23	43-047-37400	357	526
NWH 12-32-6-23	43-047-37397	357	526
NWH 16-32-6-23	43-047-37398	357	526
G 2-2-6-19	43-047-37561	153	1,050
G 16-2-6-19	43-047-37562	153	1,050
G 1-2-6-19	43-047-37563	153	1,050
G 3-2-6-19	43-047-37568	153	1,050

#### Clinton Dworshak - cement sks changes

From: eric bowedn <starman686@yahoo.com>

To: <clintondworshak@utah.gov>

Date: 1/18/2006 1:39 PM Subject: cement sks changes

here are the cement sks changes that you reqested.

Yahoo! Photos – Showcase holiday pictures in hardcover <u>Photo Books</u>. You design it and we'll bind it!

#### Ten Point Plan

#### The Houston Exploration Company

#### North Horseshoe 13-16-6-21

Surface Location SW ¼ SW ¼, Section 16, T. 6S., R. 21E.

#### 1. Surface Formation

Green River

#### 2. Estimated Formation Tops and Datum:

Formation	Depth	Datum
GR	Surface	4,927
KB	+12'	4,939'
Green River	4,377'	+550'
Wasatch	7,777'	-2,850'
Mesaverda	9,400'	-4,473°TD

A 11" hole will be drilled to 2,000' +/-. The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest.

#### 3. Producing Formation Depth:

Formation objective includes the Green River, Wasatch, Mesaverde and its submembers.

Off set well information

Permitted/Drilled:

North Horseshoe #15-16-6-21 North Horseshoe #11-16-6-21 North Horseshoe #9-16-6-21 North Horseshoe #3-16-6-21 North Horseshoe #3-16-6-21 North Horseshoe #1-16-6-21

Abandoned Wells:

L.B.FED #3 GOV #2

#### 4. Proposed Casing:

Hole	Casing			Coupling	Casing	
<u>Size</u>	<u>Size</u>	Weight/FT	<u>Grade</u>	& Tread	Depth	New/Used
11	8 5/8	36#	J-55	STC	2000	NEW
7 7/8	$4\frac{1}{2}$	11.6#	N-80	LTC	T.D.	NEW

#### **Cement Program:**

## The Surface Casing will be cemented to the Surface as follows:

Lead:	Casing <u>Size</u>	Cement Type	Cement Amounts	Cement Yield	Cement Weight
	8 5/8	Premium Lite II .05#/sk Static Free .25#/sk Cello Flake 5#/sk KOL Seal .002 gps FP-6L 10% Bentonite .5% Sodium Metasili 3% Potassium Chlori		3.38ft³/sk	11.0 ppg
Tail:					
	8 5/8	Class "G" 2% Calcium Chlorid .25#/sk Cello Flake	329 sks. +/- e	1.2ft³/sk	15.6 ppg
Top Jo	b:				
	8 5/8	4% Calcium Chloride .25#/sk Cello Flake	e 200 sks. +/	′-1.10ft³/sk	15.6 ppg

#### Production casing will be cemented to 2,500' or higher as follows:

	Casing Size	Cement Type	Cement Amounts	Cement Yield	Cement
	<u> BIZC</u>	<u>1 y p c</u>	Amounts	<u>Ticid</u>	<u>Weight</u>
Lead:					
	4 1/2	Premium Lite II .25#/sk Cello Flake .05#/sk Static Free 5#/sk Kol Seal 3% Potassium Chlor .055 gps FP-6L 10% Bentonite .5 Sodium Metasilica		3.3ft³/sk	11.0 ppg

Tail:

4 1/2 Class "G" 400 sks +/- 1.56ft³/sk 14.3 ppg
.05% Static Free
2 Sodium Chloride
.1% R-3
2% Bentonite

#### 5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 5000 psi.

A 5000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

#### 6. Mud Program:

<u>Interval</u>	Mud weight lbs./gal.	Viscosity Sec./OT.	Fluid Loss M1/30 Mins.	Mud Type
0-2000	Air/Clear Water	30	No Control	Water/Gel
2000-T.D.	8.4-12.0		8-10	Water/Gel

#### 7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

#### 8. Testing, Coring, Sampling and Logging:

a) Test: None are anticipated.

b) Coring: There is the possibility of sidewall coring.

c) Sampling: Every 10' from 2000' to T.D.

d) Logging: Type Interval

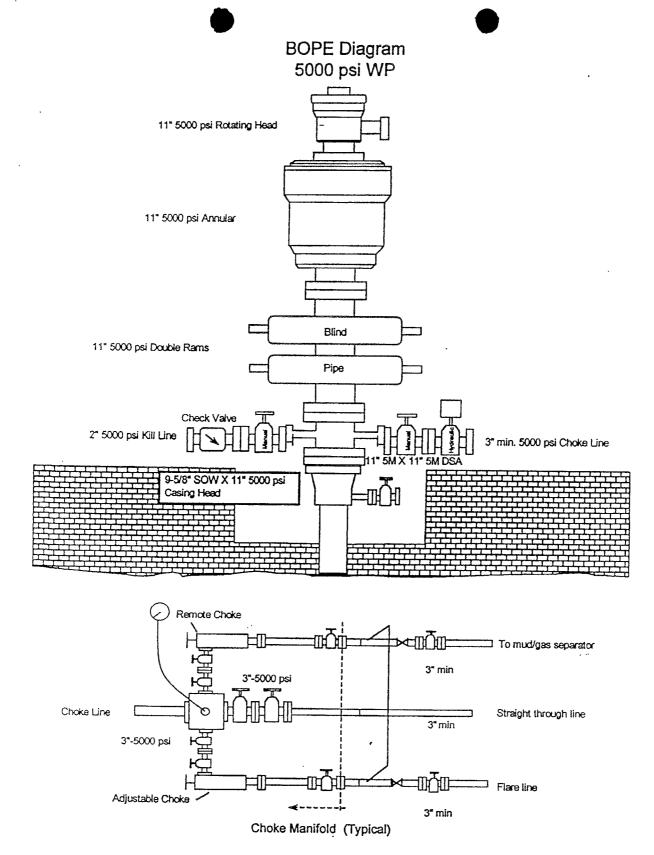
DLL/SFL W/GR and SP T.D. to Surf. Csg FDC/CNL W/GR and CAL T.D. to Surf. Csg

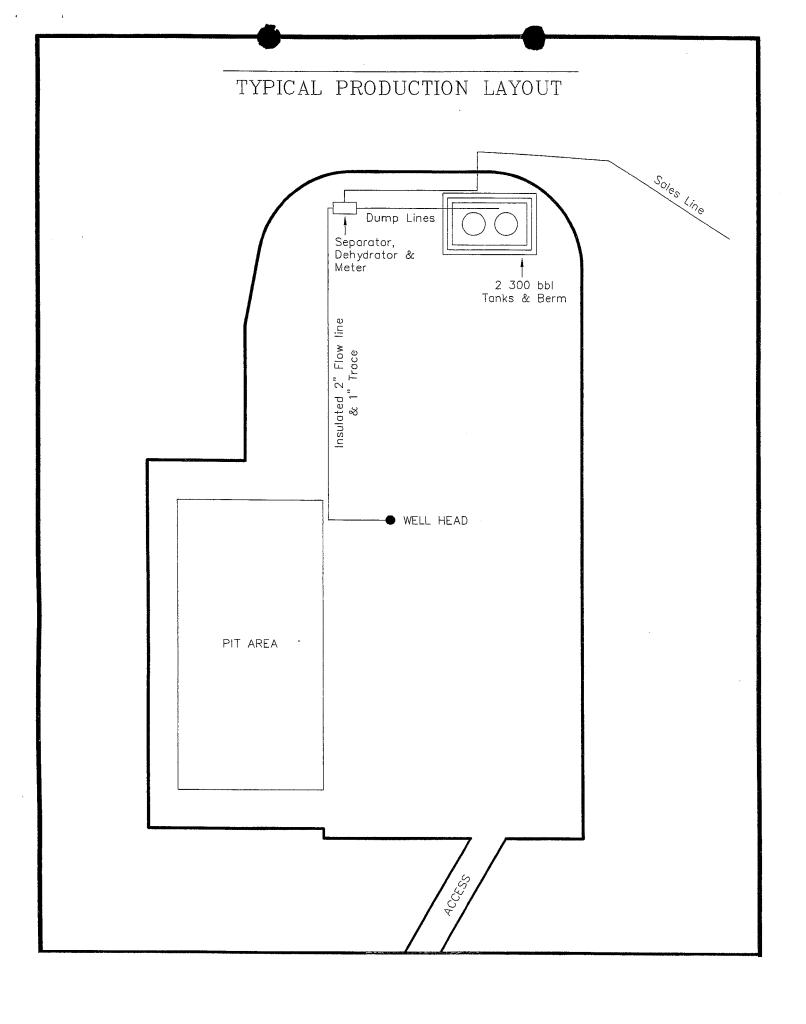
#### 9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H2S.

#### 10. Drilling Schedule:

The anticipated starting date is <u>01/01/2006</u>. Duration of operations is expected to be 30 days.





# THE HOUSTON EXPLORATION COMPANY 13 POINT SURFACE USE PLAN

**FOR WELL** 

NORTH HORSESHOE 13-16-6-21

LOCATED IN SW 1/4 SW 1/4

**SECTION 16, T.6S, R21E, S.L.B.&M.** 

**UINTAH COUNTY, UTAH** 

**LEASE NUMBER: ML-49317** 

**SURFACE OWNERSHIP: STATE** 

#### 1. Existing Roads:

To reach The Houston Exploration Co. well North Horseshoe 13-16-6-21 in Section 16, T6S, R 21E, Starting in Vernal, Utah.

Proceed in a westerly direction from Vernal, UT along US Highway 40 approximately 14.0 miles to the junction of state highway 88; exit left and proceed in a southerly direction approximately 4.6 miles to the junction of this road and an existing road to the east; turn left and proceed in an easterly, then southerly, then easterly direction approximately 3.5 miles to the junction of this road and an existing road to the northeast; turn left and proceed in a northeasterly direction approximately 2.9 miles to the junction of this road and an existing road to the northeast; turn right and proceed in a northeasterly direction approximately 1.5 miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly, then northeasterly direction approximately 1.1 miles to the beginning of the proposed access for the 15-16-6-21 to the northwest; follow road flags in a northwesterly, then southwesterly direction approximately 0.5 miles to the beginning of the proposed access to the northwest' follow road flags in a northwesterly, then southerly, then southwesterly direction approximately 0.5 miles to the proposed location.

# Total distance from Vernal, Utah to the proposed well location is approximately 28.6 miles.

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

#### 2. Planned access road

The proposed access road will be approximately 2,640' +/- of new construction on lease. The road will be graded once per year minimum and maintained.

A) Approximate length	2640 ft
B) Right of Way width	30 ft
C) Running surface	18 ft
D) Surface material Na	tive soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road Flagged	Yes
K) Access road surface of	wnership
	State
L) All new construction	on lease
	Yes
M) Pipe line crossing	None

Please see the attached location plat for additional details.

# An off lease right-of-way will not be required.

All surface disturbances for the road and location will be within the lease boundary.

#### 3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

A) Producing well	None
B) Water well	None
C) Abandoned well	

GOV #2 L.B. FED

D) Temp. abandoned well None
E) Disposal well None

F) Drilling /Permitted well North Horseshoe 1-16-6-21 North Horseshoe 7-16-6-21 North Horseshoe 3-16-6-21 North Horseshoe 9-16-6-21 North Horseshoe 11-16-6-21 North Horseshoe 15-16-6-21

G) Shut in wells
None
None

I) Monitoring or observation well None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted an **Carlsbad Canyon** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The

# required paint color is Carlsbad Canyon.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval form the authorized officer.

If the well is capable of economic production a surface gas line will be required.

Approximately 2,780' of 3" steel surface gas gathering line would be constructed on State Lands. The line will tie into the proposed pipeline in Section 16, T6S, R21E. The pipeline would be strung and boomed to the east of the location and follow existing roads. The pipeline may be buried as determined by the Authorized Officer at the onsite.

An off lease right-of-way will not be required.

# Please see the attached location diagrams for pipeline location.

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter.

Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to

any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meterproving schedules. A copy of the meter calibration report will be submitted to the State of Utah. Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

#### 5. Location and type of water supply

Water for drilling and cementing will come from The Green River in Permit # T-76073.

#### 6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravel or pit lining material will be obtained from private resources.

#### 7. Methods for handling waste disposal

#### A) Pit construction and liners:

The reserve pit will be approximately **12 ft**. deep and most of the depth shall be below the surface of the existing ground

Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will be used to store water for drilling. A semiclosed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

#### B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer. Evaporation may be used instead of trucking to facilitate closing and reclamation of the reserve pit. A pumping system would be used for evaporation.

#### C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill location.

#### D) Sewage:

A portable chemical toilet will be supplied for human waste.

#### E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

#### 8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

#### Well-site layout

Location dimensions are as follows:

A) Pad length	345 ft.
B) Pad width	245 ft.
C) Pit depth	12 ft.
D) Pit length	150 ft.
E) Pit width	75 ft.
F) Max cut	51.8 ft.
G) Max fill	15.6 ft.
H) Total cut yds.	51,030 cu yds
I) Pit location	West end
J) Top soil location	

West end

#### K) Access road location

East end L) Flare Pit corner C

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

A) Thirty nine inch net wire shall

be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at leas 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

#### 10. Plans for restoration of the surface

Prior to construction of the location. the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and piled will amount to approximately 2,630 cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been

completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled.

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

#### A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

#### B) Seed Mix

To be determined by the Authorized Officer.

#### 11. Surface ownership:

Access road State
Location State
Pipeline State

#### 12. Other information:

#### A) Vegetation

The vegetation coverage is slight. The majority of the existing vegetation consists of non-native species. Rabbit brush, bitter brush, and Indian Rice grass and Sagebrush are also found on the location.

#### B) Dwellings:

There are no dwelling or other facilities within a one-mile radius of the location.

#### C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations, which would affect such sites, will be suspended and the discovery reported promptly to the surface management agency.

#### D) Water:

The nearest water is the Green River located 5,200' to the South.

#### E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

#### F) Notification:

- a) Location Construction At least forty-eight (48) hours prior to construction of location and access roads.
- b) Location completion Prior to moving on the drilling rig.

- c) Spud notice At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing
  At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.

#### G) Flare pit:

The flare pit will be located in **corner C** of the reserve pit out side the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

# 13. Lessees or Operator's representative and certification.

#### A) Representative

William A. Ryan Rocky Mountain Consulting 290 S 800 E Vernal, UT 84078

Office 435-789-0968 Fax 435-789-0970 Cellular 435-828-0968

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval.

After permit termination, a new application will be filed for approval for any future operations.

#### B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by The Houston **Exploration Company and its** contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date 12.20.05

William A. Ryan, Agent
Rocky Mountain Consulting

**Onsite Dates:** 

# THE HOUSTON EXPLORATION COMPANY

### NORTH HORSESHOE #13-16-6-21

LOCATED IN UINTAH COUNTY, UTAH SECTION 16, T6S, R21E, S.L.B.&M.

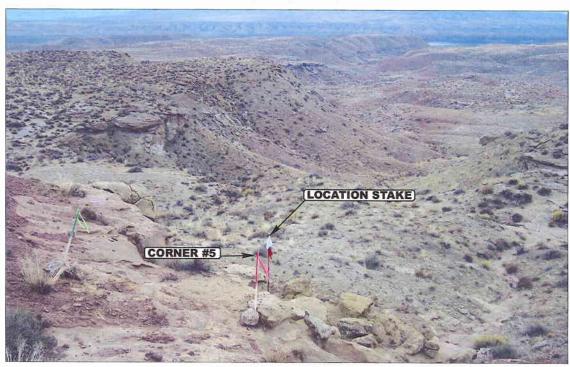


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY

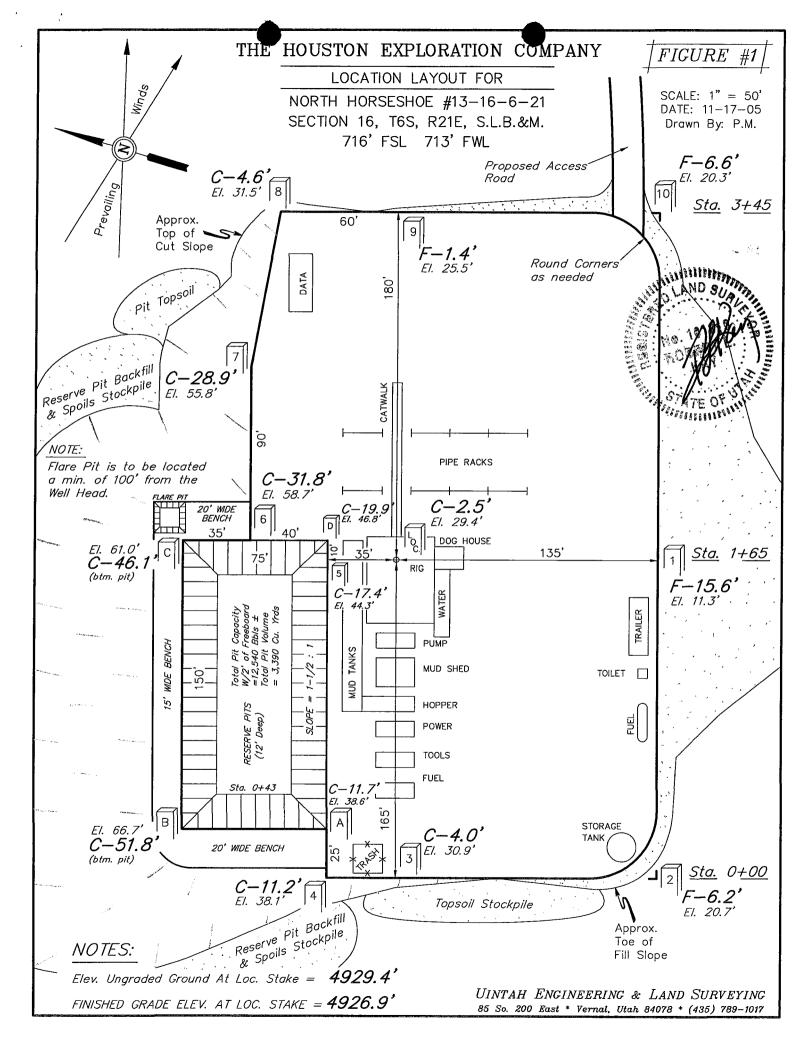


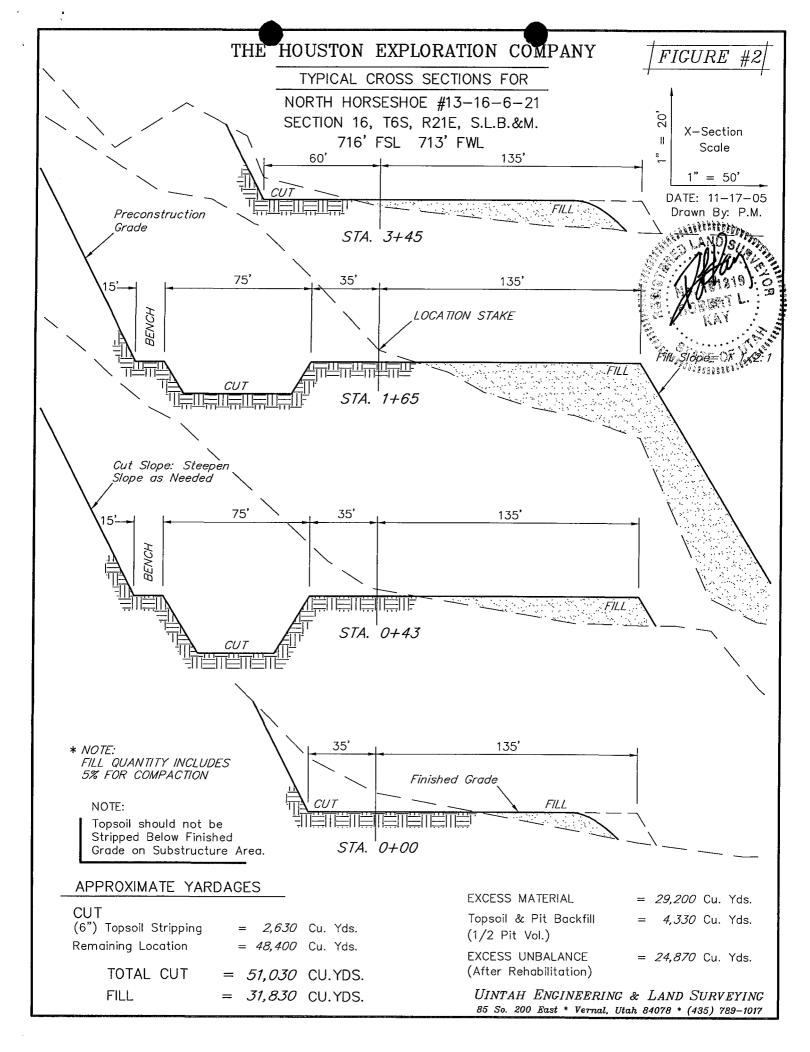
Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

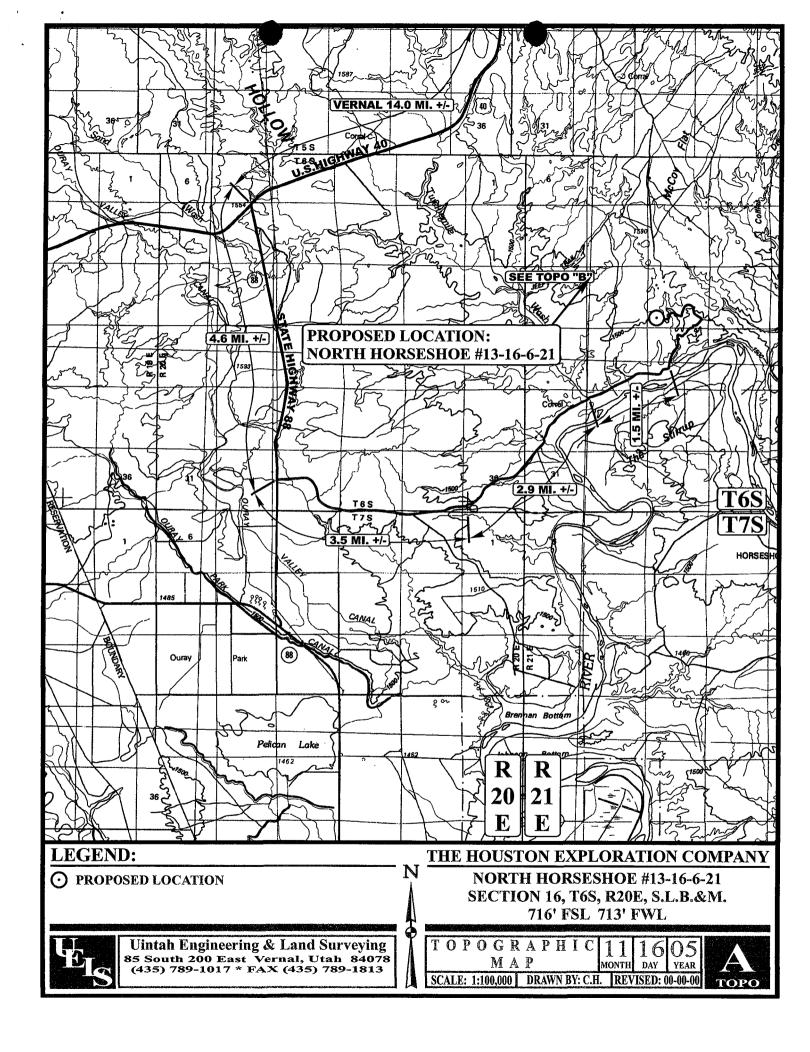
LOCATION PHOTOS

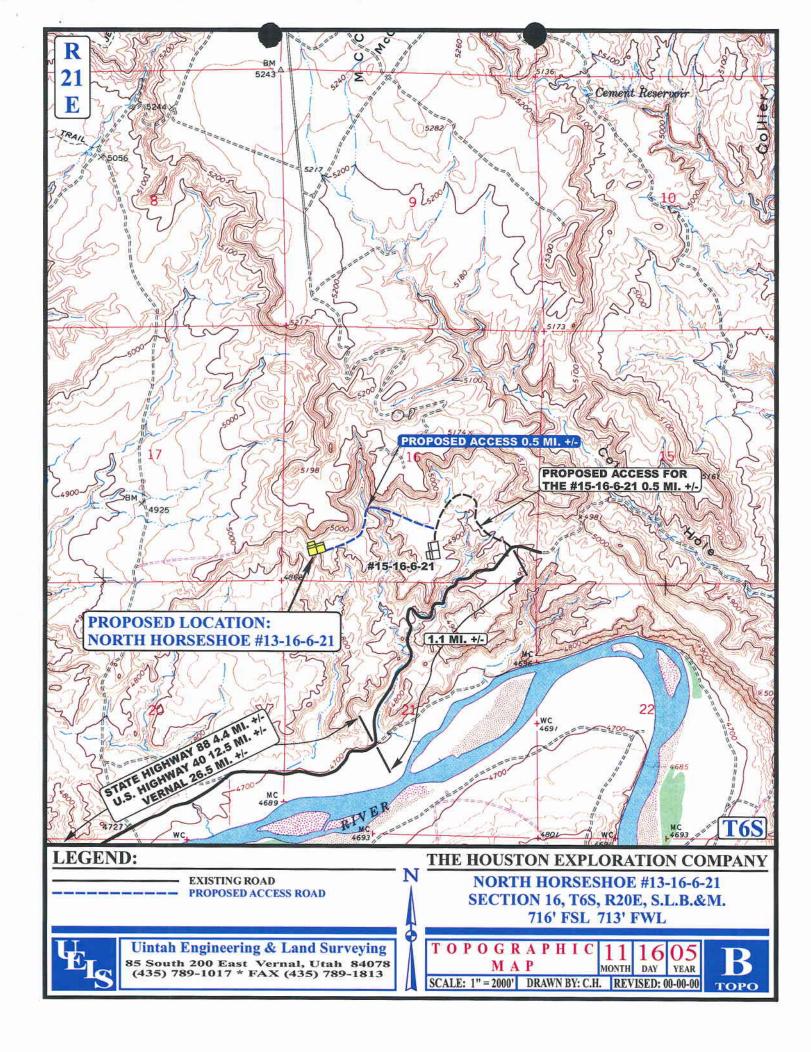
MONTH TAKEN BY: N.H. | DRAWN BY: C.H. | REVISED: 00-00-00

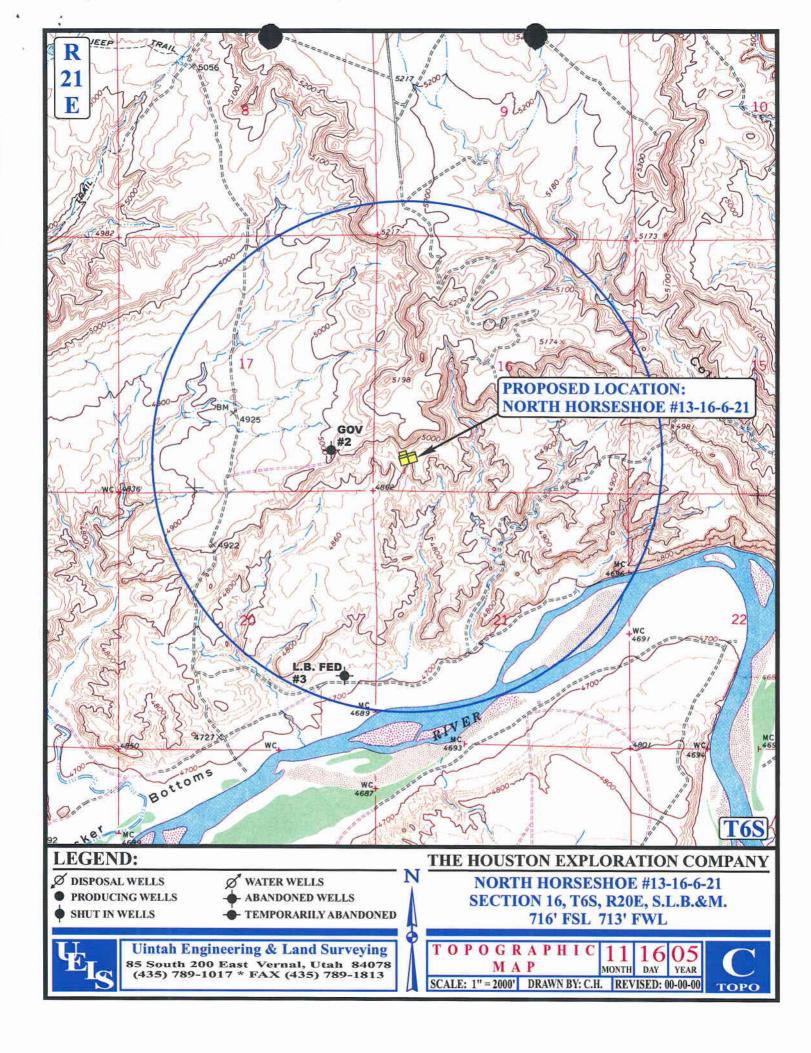
**РНОТО** 

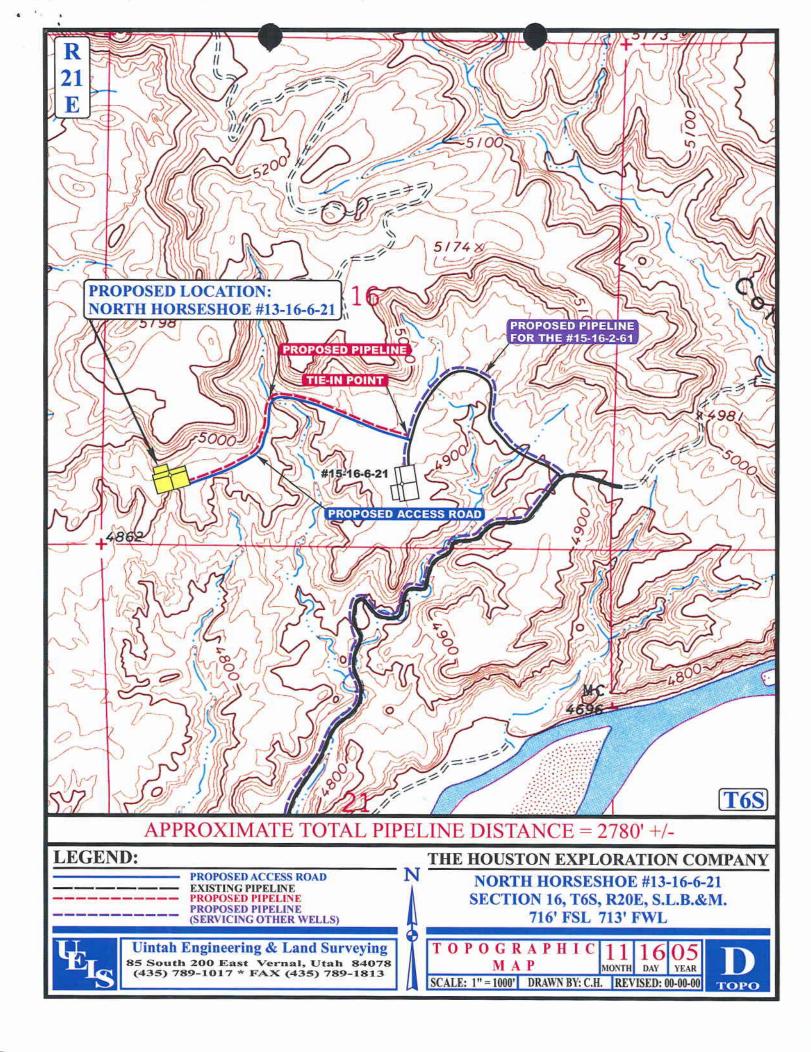




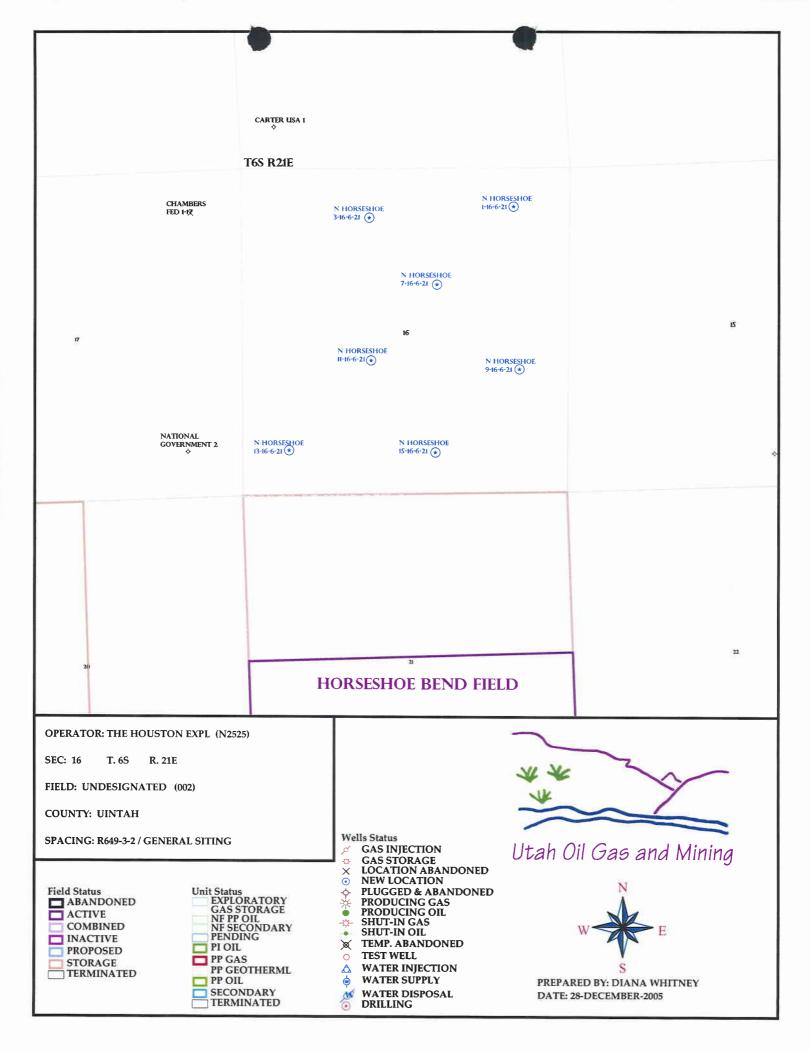








APD RECEIVED:	12/27/2005	API NO. ASSIGNED: 43-047-37575		
	ORSESHOE 13-16-6-21 STON EXPLORATION CO, ( N2525 ) L RYAN	PHONE NUMBER: 4	35-789-0968	
PROPOSED LOCATION SWSW 16 SURFACE: 07	ON: 060S 210E 716 FSL 0713 FWL	INSPECT LOCATN	BY: / /	Date
BOTTOM: 0716 FSL 0713 FWL  UINTAH  UNDESIGNATED ( 2 )  LEASE TYPE: 3 - State  LEASE NUMBER: ML-49317  SURFACE OWNER: 3 - State  PROPOSED FORMATION: MVRD  COALBED METHANE WELL? NO		Engineering DUD U24/06 Geology Surface  LATITUDE: 40.29361 LONGITUDE: -109.5675		
(No. 104 Potash ( Oil Shale Water Peri (No. T-76 RDCC Revi (Date:	[] Ind[] Sta[] Fee[]  155044 )  Y/N)  190-5 (B) or 190-3 or 190-13  mit  5073 )  ew (Y/N)  )	R649-3-3. E Drilling Uni Board Cause Eff Date: Siting:	General rom Qtr/Qtr & 920' Exception	
COMMENTS:	1-(Spacina Stip	of Basis		



#### DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	THE HOUSTON EXPLORATION COMPANY		
WELL NAME & NUMBER: _	NORTH HORSESHOE 13-16-6-21		
API NUMBER:	43-047-37575		
LOCATION: 1/4.1/4 SW/SW se	c: 16 TWP: 6S RNG: 21E. 716 FSL 713 FWL		

#### **Geology/Ground Water:**

The Houston Ex. Co. proposes to set 2000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 3,900 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers.

Reviewer:	Brad Hill	Date:(	01-17-06
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#### Surface:

The predrill investigation of the surface was performed on 1/10/20065. Ben Williams with UDWR and Jim Davis with SITLA were invited to this investigation by email on 12/14/05. Mr. Williams sent notification that the UDWR would be represented by Chris Wood. Both Mr. Wood and Mr. Davis were in attendance. Mr. Bill Ryan a Consultant for Houston Exploration represented the operator.

I expressed to Bill Ryan my concern about this location especially in relation to another site approximately 300 feet to the southeast where the construction of a location would be easier and less expensive. Mr. Ryan and Gary Gerber, representing the probable dirt contractor, estimated the construction cost would be between \$120,000-\$140,000. An exception to the normal spacing restrictions would have to be obtained for the adjacent site but it probably would be granted. I also stated that I recognized that a location would be lost with an exception in the section unless multiple wells were drilled from suitable locations. With the difficult terrain in Section 16 several of the normal plotted locations cannot feasibly be constructed.

Mr. Jim Davis of SITLA also expressed his concerns with construction of this location. While he did not state that SITLA would not approve it he request that Houston prepare a drilling schedule for this and adjacent wells. Mr. Ryan said that this definitely would not be the first well drilled of the 3 in this immediately area. He agreed to prepare a letter to SITLA exhibiting their planned schedule. He also stated that he expected that one well initially would be drilled and the future of the other two would be somewhat dependent on the outcome of the first well.

Chris Wood representing the UDWR stated the area is classified as high value yearlong habitat for antelope, limited value yearlong habitat for deer. He did not recommend any restrictions to the Operator or SITLA. He stated no other wildlife species are expected to be significantly affected. Mr. Wood also gave Mr. Ryan and Mr. Davis, a UDWR recommended seed mix to be used when the reserve pit and location are reclaimed.

This site is on State surface, with State minerals. The well pad will be expensive to construct and is not the

best location in the immediate area for a location.	. Proper installation and mannenance of a liner in the reserve pit is
essential during drilling operations.	<u>.</u>

Reviewer: Floyd Bartlett Date: 1/12	2/2006
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#### **Conditions of Approval/Application for Permit to Drill:**

- 1. A synthetic liner with a minimum thickness of 16 mils with a felt pad under-layment shall be properly installed and maintained in the reserve pit.
- 2. Complete and submit archeological survey.

**OPERATOR:** THE HOUSTON EXPLORATION COMPANY

WELL NAME & NUMBER: NORTH HORSESHOE 13-16-6-21

**API NUMBER:** 43-047-37575

LEASE: ML-49317 \_\_\_ FIELD/UNIT: Undesignated

LOCATION: 1/4,1/4 SW/SW sec: 16 TWP: 6S RNG: 21E, 716 FSL 713 FWL

LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): 621757 E 4461120 N SURFACE OWNER: STATE OF UTAH (SITLA)

#### **PARTICIPANTS**

Floyd Bartlett (DOGM), Bill Ryan (Consultant for Houston Exploration), Chris Wood (UDWR), Gary Gerber (Stubbs & Stubbs Construction),

#### REGIONAL/LOCAL SETTING & TOPOGRAPHY

Section 16 is an isolated section owned by SITLA and surrounded by BLM lands with nearby private lands south along the Green River. The section is approximately 12 air miles south of Vernal and ½ mile north of the Green River on the south section line. The Green River area is known as Horseshoe Bend. McCoy Flat lies to the north of the section and contains relatively flat open country. Section 16 is generally in the breaks draining southerly toward the river. It is characterized by some flat ridges but steep draws and breaks are common. Finding suitable locations for wells without infringing on the adjacent ¼/¼ sections is difficult.

The proposed North Horseshoe 13-16-6-21 well lays part way down a steep side hill, which slopes to the south. The center stake is immediately below large ledge rock outcrops that will have to be blasted to construct the location including the reserve pit. The south portion of the location is on more gentle terrain but is still steep and uneven. Cut to the bottom of the pit on the upper side of the location is 51.8 feet. Excess material for the location is 25,000 cubic yards. Drainages toward the Green River are ephemeral with the only perennial water in the area in the Green River.

To access the 13-16 well, a total of approximately 1 mile of new road will need to be constructed. The first ½ mile will also serve as primary access to the proposed 15-16 and the 9-16 wells. This road will have to cross 3 draws, which will require significant side cuts.

#### SURFACE USE PLAN

CURRENT SURFACE USE: Limited hunting and sightseeing.

PROPOSED SURFACE DISTURBANCE: Construct 1.0 mile of new road and construction of a well location 345'x 210' plus reserve pit and soil stockpile storage outside the described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: <u>Two wells of unknown status as shown on attached 'TOPO C" map from GIS database.</u>

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow the edge of the proposed access road approximately 2780 feet to a tie-in point with the proposed 15-16-6-21 well.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? EXPLAIN: Unlikely. Oilfield activity is common in the area. The location is not within the Green River floodplain.

#### WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

#### ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None. The Green River floodplain is approximately .5 miles to the south.

FLORA/FAUNA: Vegetation is a desert type which includes sagebrush, rabbit brush, stipa, ephedra,, Indian ricegrass, annual mustard, shadscale buckwheat and broom snakeweed.

Dominant fauna is pronghorn, rodents, songbirds, raptors, deer, bobcat,

coyote, and small mammals.

SOIL TYPE AND CHARACTERISTICS: Deep sandy loam deposits intermixed with bedrock sandstone outcrops. Location construction will require a heavy amount of blasting.

EROSION/SEDIMENTATION/STABILITY: <u>Although the location will be difficult</u> and expensive to construct, no stability problems are anticipated.

PALEONTOLOGICAL POTENTIAL: none observed.

#### RESERVE PIT

CHARACTERISTICS: 150' by 75' and 12' deep. The reserve pit is planned in an area of cut in ledge rock outcrops on the north west side of the location. Significant blasting will be required for its construction. When completed, no stability problems are expected.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Sensitivity score of 25, rating as Level I, Highly Sensitive. Operator routinely installs a 16 mil. liner in all reserve pits.

#### SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: Site has not been surveyed.

#### OTHER OBSERVATIONS/COMMENTS

Chris Wood representing the UDWR stated the area is classified as high value yearlong habitat for antelope and limited value yearlong habitat for deer. He did not recommend any restrictions to the Operator or SITLA.

I expressed to Bill Ryan my concern about this location especially in relation to another site approximately 300 feet to the south east where the construction of a location would be easier and less expensive. Mr. Ryan and Gary Gerber, representing the probable dirt contractor, estimated the construction cost would be between \$120,000-\$140,000. An exception to the normal spacing restrictions would have to be obtained for the adjacent site but it probably would be granted. I also stated that I recognized that a location would be lost with an exception in the section unless multiple wells were drilled from suitable locations. With the difficult terrain in Section 16 several of the normal plotted locations cannot feasibly be constructed.

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#### ATTACHMENTS

Photos of site have been taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

1/10/2006 4:00 AM DATE/TIME

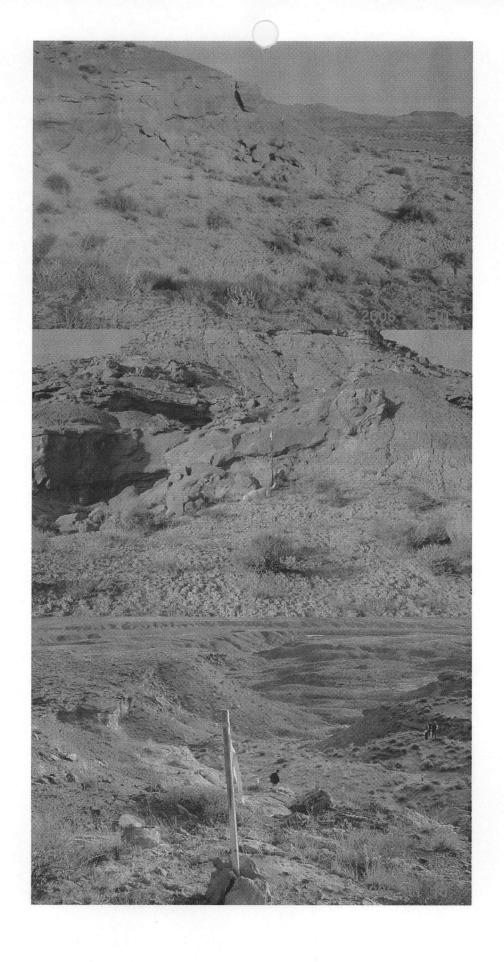
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20	<u>0</u>
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	<u>0</u> ,
Distance to Nearest Municipal Well (feet) >5280 1320 to 5280 500 to 1320 <500	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	<u>20</u>
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15	5
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0

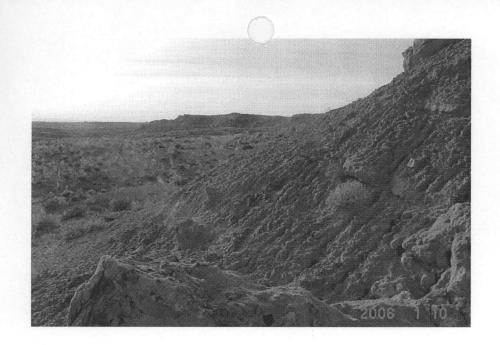
Final Score 25 (Level I Sensitivity)

Sensitivity Level II = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

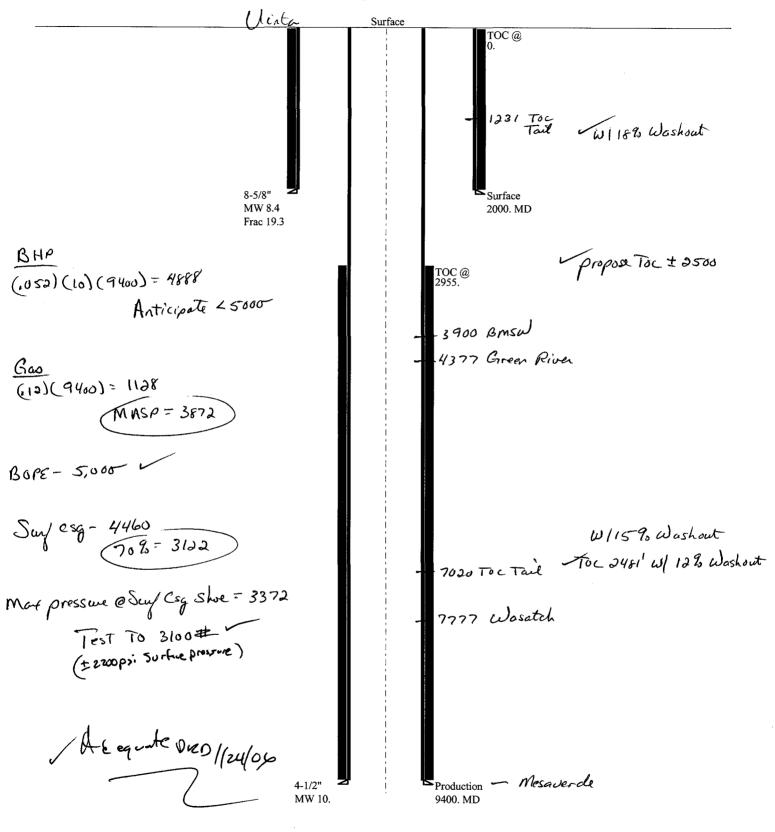
Sensitivity Level III = below 15; no specific lining is required.





# 9-06 Houston N Horseshoe 13-6-6-21

Casing Schematic



Well name:

01-06 Houston N Horseshoe 13-16-6-21

Operator:

**Houston Exploration Company** 

String type:

Surface

Project ID:

**Design parameters:** 

43-047-37575

Location:

**Uintah County** 

Minimum design factors:

**Environment:** 

**Collapse** 

Mud weight:

Collapse:

H2S considered?

No 65 °F

Design is based on evacuated pipe.

Design factor

1.125

Surface temperature: Bottom hole temperature:

93 °F

Temperature gradient: Minimum section length:

1.40 °F/100ft 250 ft

**Burst:** 

Design factor

1.00

Cement top:

0 ft

**Burst** 

Max anticipated surface

No backup mud specified.

pressure:

1,760 psi

8.400 ppg

Internal gradient: 0.120 psi/ft Calculated BHP 2,000 psi

Tension:

8 Round STC:

1.80 (J) 1.80 (J)

1.60 (J) **Buttress:** Premium: 1.50 (J)

Body yield:

8 Round LTC:

1.50 (B)

Re subsequent strings:

Non-directional string.

Next setting depth: Next mud weight:

9,400 ft 10.000 ppg

Tension is based on buoyed weight. Neutral point: 1,749 ft

Next setting BHP: Fracture mud wt: Fracture depth:

Injection pressure

4,883 psi 19.250 ppg 2.000 ft 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	8.625	36.00	J-55	ST&C	2000	2000	7.7	143.6
Run Seq	Collapse Load (psi) 873	Collapse Strength (psi) 3450	Collapse Design Factor 3.953	Burst Load (psi) 2000	Burst Strength (psi) 4460	Burst Design Factor 2.23	Tension Load (Kips) 63	Tension Strength (Kips) 434	Tension Design Factor 6.89 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280 FAX: 810-359-3940

Date: January 19,2006 Salt Lake City, Utah

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

01-06 Houston N Horseshoe 13-16-6-21

Operator:

**Houston Exploration Company** 

String type:

Production

Project ID:

43-047-37575

Location:

**Uintah County** 

Minimum design factors:

**Environment:** 

**Collapse** 

Mud weight: Design is based on evacuated pipe.

Design parameters:

Collapse: Design factor 10.000 ppg

1.125

H2S considered? Surface temperature:

No 65 °F

Bottom hole temperature: Temperature gradient:

197 °F 1.40 °F/100ft

Minimum section length: 1,500 ft

Non-directional string.

Burst:

Design factor

1.00

1.80 (J)

Cement top:

2,955 ft

**Burst** 

Max anticipated surface

No backup mud specified.

pressure:

3,755 psi

Internal gradient: Calculated BHP

0.120 psi/ft 4,883 psi

**Tension:** 

8 Round STC:

Buttress: Premium: 1.50 (J)

Body yield:

1.50 (B)

Tension is based on buoyed weight.

8 Round LTC: 1.80 (J) 1.60 (J)

Neutral point: 7,995 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9400	4.5	11.60	N-80	LT&C	9400	9400	3.875	217.9
Run Seq	Collapse Load (psi) 4883	Collapse Strength (psi) 6350	Collapse Design Factor 1.300	Burst Load (psi) 4883	Burst Strength (psi) 7780	Burst Design Factor 1.59	Tension Load (Kips) 93	Tension Strength (Kips) 223	Tension Design Factor 2.40 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280 FAX: 810-359-3940

Date: January 19,2006 Salt Lake City, Utah

Collapse is based on a vertical depth of 9400 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



Ed Bonner

To:

Whitney, Diana

Date:

6/27/2006 10:17:58 AM

Subject:

Well Clerance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Dominion E&P, Inc LCU 1-2H

Enduring Resources, LLC Rock House 10-23-23-32 Rock House 11-23-11-2

EOG Resources, Inc Big Spring 3-36 GR East Chapita 30-16

The Houston Exploration Company

North Horseshoe 1-16-6-21 North Horseshoe 13-16-6-21 North Horseshoe 13-2-6-21 North Horseshoe 15-2-6-21

Kerr McGee Oil & Gas Onshore LP

NBU 921-25A NBU 921-25P NBU 921-35J NBU 922-32K2

**Questar Exploration & Production** 

HR 2MU-2-12-23 HR 3MU-2-12-23

HR 6MU-2-12-23

(Cleared provided operator follows arch consultants recommendation to move location avoiding significant site)

HR 10MU-2-12-23 HR 12MU-2-12-23 HR 14MU-2-12-23 HR 16MU-2-12-23

Stone Energy Corporation Stone Rush 44-32-8-17

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

## Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

June 29, 2006

The Houston Exploration Company 1100 Louisiana, Suite 200 Houston, TX 77002

Re: North Horseshoe 13-16-6-21 Well, 716' FSL, 713' FWL, SW SW, Sec. 16, T. 6 South, R. 21 East, Uintah County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37575.

Sincerely

Associate Director

mf Enclosures

cc: Uintah County Assessor

**SITLA** 

Operator:	The Houston Exploration Company						
Well Name & Number	North Horseshoe 13-16-6-21						
API Number:	43-047-	37575					
Lease:	ML-493	317					
Location: SW SW	Sec. 16	<b>T.</b> <u>6 South</u>	<b>R.</b> 21 East				

## **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

## 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

## 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

Page 2 43-047-37575 June 29, 2006

- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)



FORM 9

<i>v</i>	DIVISION OF OIL, GAS AND MI			5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49317
SUNDRY	NOTICES AND REPORTS	S ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill indril drill horizontal I	new wells, significantly deepen existing wells below cur aterals. Use APPLICATION FOR PERMIT TO DRILL fi	rent bottom-hole dep form for such proposa	th, reenter plugged wells, or to	7. UNIT of CA AGREEMENT NAME:
TYPE OF WELL     OIL WELL				8. WELL NAME and NUMBER: North Horseshoe 13-16-6-21
2. NAME OF OPERATOR: The Houston Exploration	Company			9. API NUMBER: 4304737575
3. ADDRESS OF OPERATOR:			PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1100 Louisiana Suite 2000 CT	Y Houston STATE TX ZIP	77002	(713) 830-6800	Undesignated
FOOTAGES AT SURFACE: 716' F	20 COMMON (ACT 17 COM			COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: SWSW 16 6S 2	21E		STATE: <b>UTAH</b>
11. CHECK APP	ROPRIATE BOXES TO INDICAT	E NATURE	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		T	YPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	-	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONS	TRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTIO	ON (START/RESUME)	WATER SHUT-OFF
· · · · · · · · · · · · · · · · · · ·	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE	✓ OTHER: Extension
	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	
			n for one year. e f	COPY SENT NO OPERATOR Doile: 52-23-07 Initials: 22-23-07
NAME (PLEASE PRINT) William A. SIGNATURE	Nyan UTyo	TITL	5/14/2007	

RECEIVED MAY 2 1 2007

## Application for Permit to Drill Request for Permit Extension **Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: Well Name:	4304737575 North Horseshoe 13-16-6-21	
Location:	Section 16 Township 6 South, Range 21 East SWSW	
	rmit Issued to: The Houston Exploration Compa	ınv
• •	Permit Issued: 6/29/2006	<b>-</b>
above, hereby	ned as owner with legal rights to drill on the p verifies that the information as submitted in lication to drill, remains valid and does not re	the previously
Following is a verified.	checklist of some items related to the application	ation, which should be
	rivate land, has the ownership changed, if so en updated? Yes⊡No☑	o, has the surface
	s been drilled in the vicinity of the proposed versiting requirements for this location? Yes⊡	
	n any unit or other agreements put in place to peration of this proposed well? Yes⊡No☑	hat could affect the
	en any changes to the access route including could affect the proposed location? Yes⊡ No	
Has the approv	ved source of water for drilling changed? Ye	s□No☑
Have there become which will requested evaluation? Yes	en any physical changes to the surface locat uire a change in plans from what was discuss es□No☑	ion or access route sed at the onsite
Is bonding still	in place, which covers this proposed well? Y	′es⊠No□
<u>William</u>	why Tyo	1/2007
Signature		Date
Title: Agent		
Representing:	The Houston Exploration Company	D=-
		RECEIVED
		Adam -

MAY 2 1 2007

## Division of Oil, Gas and Mining

## OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

-- - f O -- -- (TV -11 C - 1 1)

Change of Operator (Well Sold)		X -	<b>Operato</b>	r Merger		
The operator of the well(s) listed below has chan			6/1/2007			
FROM: (Old Operator): N2525 - The Houston Exploration Company 1100 Louisiana, Suite 2000 Houston, TX 77002	TO: (New Operator): N6965-Forest Oil Corporation 707 17th St, Suite 3600 Denver, CO 80202					
Phone: 1-(713) 830-6800		Phone: 1 (303)	812-1755			
CA No.		Unit:				
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST						
OPERATOR CHANGES DOCUMENT. Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was 2. (R649-8-10) Sundry or legal documentation was 3. The new company was checked on the Departs	as received from the	NEW operator	on:	7/30/2007 7/30/2007		7/21/2007
4a. Is the new operator registered in the State of U		Business Numb	-			7/31/2007
4b. If <b>NO</b> , the operator was contacted contacted or		Dusiness Numo	er:	571171-0143		
5a. (R649-9-2)Waste Management Plan has been re		DAI DI ACE				
5b. Inspections of LA PA state/fee well sites complete.		IN PLACE	•			
5c. Reports current for Production/Disposition & S		MEG				
		YES		_		2
6. Federal and Indian Lease Wells: The BL						
or operator change for all wells listed on Federa 7. Federal and Indian Units:			BLM	. 7/31/2007	BIA	
The BLM or BIA has approved the successor 8. Federal and Indian Communization Ag				n/a		
The BLM or BIA has approved the operator i	, ,			n/a		
9. Underground Injection Control ("UIC"		vision has appro	ved UIC Fo	orm 5, Transi	er of Au	thority to
Inject, for the enhanced/secondary recovery un	it/project for the wa	ter disposal wel	l(s) listed of	n:	n/a	·
DATA ENTRY:		•				
1. Changes entered in the Oil and Gas Database	on:	8/27/2007				
2. Changes have been entered on the Monthly Op	erator Change Spi	read Sheet on:	'	8/27/2007		
3. Bond information entered in RBDMS on:		8/27/2007				
4. Fee/State wells attached to bond in RBDMS on		8/27/2007				
5. Injection Projects to new operator in RBDMS of		n/a	7/20/2007			
6. Receipt of Acceptance of Drilling Procedures for <b>BOND VERIFICATION:</b>	or APD/New on:		7/30/2007			
		(22(251				
<ol> <li>Federal well(s) covered by Bond Number:</li> <li>Indian well(s) covered by Bond Number:</li> </ol>	-	6236351 n/a				
3a. (R649-3-1) The <b>NEW</b> operator of any fee well	l(s) listed covered b		•	6218963		
3b. The <b>FORMER</b> operator has requested a release		•	not yet	0210703		
LEASE INTEREST OWNER NOTIFIC  4. (R649-2-10) The FORMER operator of the fee of their responsibility to notify all interest owner  COMMENTS:	wells has been conta	acted and inform	ned by a lett 8/1/2007	ter from the D	ivision	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AND MII	VING	5. LEASE DESIGNATION AND SERIAL NUMBER:
<u> </u>			See Attached List
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill no drill horizontal la	ew wells, significantly deepen existing wells below cun terals. Use APPLICATION FOR PERMIT TO DRILL fo	rent bottom-hole depth, reenter plugged wells, or to orm for such proposals.	7. UNIT or CA AGREEMENT NAME;
TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:			See Attached List
Forest Oil Corporation	N6965		various
3. ADDRESS OF OPERATOR:		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
	Denver, STATE CO ZIP	80202 (303) 812-1755	
4. LOCATION OF WELL  FOOTAGES AT SURFACE: See at	tached list		COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE	GE, MERIDIAN:	整理 ( )	STATE: UTAH
11. CHECK APPE	ROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE REPO	ORT OR OTHER DATA
TYPE OF SUBMISSION	I	TYPE OF ACTION	SKT, OK OTTEK DATA
THE OF CODMISCOICH	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	☐ WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ other: Change of Operator
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	OTHER: Change of Operator
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all p		nes, etc. N2525
N-2525) to Forest Oil Corporation as a approved operations cond  Forest Oil Corporation menors and Elease send all future correspond to the Corporation, 70° Co	change the operator for the attactoration (N-6965). Forest merged the contract operated wells will continue on the lease or portion of the state of Utah bonding requests the State of Utah bonding requests the Street, Suite #3600, Denvioration of the state of Utah bonding requests of the lease or portion of the state of Utah bonding requests the State of Utah bonding requests the Street, Suite #3600, Denvioration of the lease or portion of the lease or portion of the lease of Utah bonding requests the state of Utah bonding requests the lease of Utah bonding requests the	d with The Houston Exploration on tinue to be contract operated by ble terms, conditions, stipulation he lease described.  Suirements under Safeco bond # ration at the above listed address er, CO 80202	Company, a copy of the merger y Enduring.  s and restrictions concerning  6218963.
NAME (PLEASE PRINT) Joanne C. SIGNATURE AMA	Hresko	Vice President &	General Mgr Northern Division
(This space for State use only)	Λ	Il walle with	APN or New
APPROVED_	8127101 H	ll wells with status	RECEIVED
(a. ).	2		ILOLIVED
Division of Oil, Gas a	and Mining	ictions on Reverse Side)	JUL 3 U 2007
Earlene Russell, Engi	neering Technician		DIN UE UII CAG & MINING

wmp

DIN UE UII CVC & MINIMA

well name	sec	twp	rng	api	entity	lease	well	stat	flag
HORSESHOE BEND 16-33	33			4304736214	1	Federal	OW	APD	
HORSESHOE BEND 3-33	33			4304736215		Federal	ow	APD	
N HORSESHOE 7-16-6-21	16	060S	210E	4304737438		State	GW	APD	С
N HORSESHOE 9-16-6-21	16	060S	210E	4304737439		State	GW	APD	С
N HORSESHOE 15-16-6-21	16	060S	210E	4304737440		State	GW	APD	С
N HORSESHOE 11-16-6-21	16	060S	210E	4304737441		State	GW	APD	С
N HORSESHOE 1-16-6-21	16	060S	210E	4304737442		State	GW	APD	С
N HORSESHOE 13-2-6-21	02	060S	210E	4304737476		State	GW	APD	С
N HORSESHOE 15-2-6-21	02	060S	210E	4304737477		State	GW	APD	С
GUSHER 2-2-6-19	02	060S	190E	4304737561		State	OW	APD	С
GUSHER 16-2-6-19	02	060S	190E	4304737562		State	OW	APD	С
GUSHER 1-2-6-19	02	060S	190E	4304737563		State	OW	APD	С
GUSHER 3-2-6-19	02	060S	190E	4304737568		State	OW	APD	С
E COYOTE 6-2-8-25	02	080S	250E	4304737572		State	GW	APD	С
E COYOTE 3-2-8-25	02	080S	250E	4304737573		State	GW	APD	С
E COYOTE 8-2-8-25	02	080S	250E	4304737574		State	GW	APD	С
N HORSESHOE 13-16-6-21	16	060S	210E	4304737575		State	GW	APD	C
E COYOTE 4-2-8-25	02	080S	250E	4304737882		State	GW	APD	С
E COYOTE 14-2-8-25	02	080S	250E	4304737883		State	GW	APD	С
E COYOTE 10-2-8-25	02	080S	250E	4304737884		State	GW	APD	С
E COYOTE 16-2-8-25	02	080S	250E	4304737885		State	GW	APD	С
E COYOTE 12-2-8-25	02	080S	250E	4304737886		State	GW	APD	С
N HORSESHOE 16-18-6-22	18	060S	220E	4304737887		Federal	GW	APD	С
N HORSESHOE 14-18-6-22	18	060S	220E	4304737888		Federal	GW	APD	С
N HORSESHOE 2-18-6-22	18	060S	220E	4304737889		Federal	GW	APD	С
N HORSESHOE 10-18-6-22	18	060S	220E	4304737890		Federal	GW	APD	С
N HORSESHOE 8-18-6-22	18	060S	220E	4304737891		Federal	GW	APD	С
N HORSESHOE 13-15-6-21	15	060S	210E	4304738013		Federal	GW	APD	С
N HORSESHOE 15-15-6-21	15	060S	210E	4304738014		Federal	GW	APD	С
N HORSESHOE 11-15-6-21	15	060S	210E	4304738015		Federal	GW	APD	С
N HORSESHOE 9-15-6-21	15			4304738016			GW	APD	С
N HORSESHOE 5-15-6-21	15	060S	210E	4304738017		Federal	GW	APD	С
N HORSESHOE 3-15-6-21	_	-	-	4304738018		Federal		_	С
N HORSESHOE 5-20-6-22	_			4304738019		Federal			C
N HORSESHOE 13-20-6-22				4304738020		Federal		<del></del>	С
N HORSESHOE 3-20-6-22	20			4304738021		Federal			С
N HORSESHOE 7-20-6-22	20			4304738022		Federal			С
N HORSESHOE 11-20-6-22	20			4304738023		Federal			С
N HORSESHOE 2-12-6-21	12			4304738198		Federal			C
N HORSESHOE 14-12-6-21	12			4304738199		Federal			C
N HORSESHOE 10-12-6-21	12			4304738200		Federal			C
N HORSESHOE 8-12-6-21	12			4304738201		Federal			С
N HORSESHOE 16-13-6-21	13			4304738202		Federal			C
N HORSESHOE 15-17-6-22	17	_		4304738203		Federal		-	C
N HORSESHOE 5-19-6-22	19			4304738204		Federal			С
N HORSESHOE 15-19-6-22	19			4304738205		Federal			C
N HORSESHOE 3-21-6-22	21			4304738206		Federal			C
N HORSESHOE 11-21-6-22	21			4304738207	ļ	Federal			C
N HORSESHOE 15-21-6-22	21			4304738208	<u></u>	Federal		APD	C
N HORSESHOE 13-21-6-22	21			4304738209	<u> </u>			APD	C
N HORSESHOE 5-21-6-22	21			4304738210	<u> </u>		GW		C
N HORSESHOE 7-19-6-22	19			4304738271	ļ			APD	С
N HORSESHOE 5-16-6-22	16	060S	220E	4304738406		State	GW	APD	<u></u>

well name	800	turn	rno	ani	entity	lease	well	ctat	flag
TWELVEMILE WASH 11-13-5-20	sec	twp		api 4304738437	entity	Federal		APD	C
TWELVEMILE WASH 1-15-5-20	15			4304738437		Federal		APD	C
N HORSESHOE 4-33-5-21	33	1		4304738439		Federal		APD	C
GUSHER 6-15-6-19	15			4304738440		Federal		APD	C
HORSESHOE BEND W 9-34-6-20	34			4304738441		Federal	GW	APD	C
N HORSESHOE 16-12-6-21	12			4304738442		Federal	GW	APD	$\frac{c}{c}$
N WALKER HOLLOW 12-29-6-23	29			4304738443		Federal		APD	C
N WALKER HOLLOW 10-30-6-23	30		<u> </u>	4304738444		Federal		APD	C
PELICAN LAKE 11-3-8-20	03			4304738445		Federal	_	APD	C
PELICAN LAKE 8-4-8-20	04			4304738446		Federal		APD	C
E COYOTE 10-3-8-25	03			4304738447	_	Federal		APD	C
BORDER 10-9-8-25	09			4304738448		Federal		APD	$\frac{c}{c}$
N WALKER HOLLOW 14-33-6-23	33			4304738455		Federal		APD	C
SNAKE JOHN WASH 14-11-7-25	11			4304738456		Federal		APD	$\frac{\ddot{c}}{C}$
SNAKE JOHN WASH 4-24-7-25	24			4304738457	_	Federal		APD	C
SQUAW RIDGE 1-26-7-25	26			4304738458		Federal		APD	$\frac{\ddot{c}}{C}$
SQUAW RIDGE 13-28-7-25	28			4304738459	-	Federal		APD	C
SQUAW RIDGE 16-30-7-25	30			4304738460	-	Federal		APD	C
SQUAW RIDGE 14-16-7-25	16			4304738461		State		APD	C
GUSHER 13-11-5-19	11			4304738462		State	GW	APD	C
N HORSESHOE 1-15-6-21	15			4304738831		Federal	<del> </del>	APD	C
N HORSESHOE 16-9-6-22	09			4304739083		State		APD	H
N HORSESHOE 12-7-6-22	07			4304739084		State	<b></b>	APD	
N HORSESHOE 14-10-6-22	10			4304739085		State	<del></del>	APD	$\vdash$
N HORSESHOE 2-15-6-22	15	060S	220E	4304739086		State		APD	$\Box$
N WALKER HOLLOW 12-32-6-23	32	060S	230E	4304739087		State		APD	$\Box$
N WALKER HOLLOW 10-32-6-23	32			4304739088		State		APD	$\Box$
N WALKER HOLLOW 16-32-6-23	32			4304739089		State	GW	APD	
N WALKER HOLLOW 8-32-6-23	32	060S	230E	4304739090	_	State	GW	APD	
N WALKER HOLLOW 11-36-6-23	36	060S	230E	4304739091	_	State	GW	APD	
N WALKER HOLLOW 13-36-6-23	36	060S	230E	4304739092		State	GW	APD	
N WALKER HOLLOW 14-32-6-23	32	060S	230E	4304739093		State	GW	APD	
N WALKER HOLLOW 15-36-6-23	36	060S	230E	4304739094		State	GW	APD	
N HORSESHOE 4-15-6-22	15	060S	220E	4304739095		State	GW	APD	
N HORSESHOE 9-10-6-21	10	060S	210E	4304739284		Federal	GW	APD	C
N HORSESHOE 12-13-6-21	13	060S	210E	4304739285		Federal	GW	APD	
N HORSESHOE 7-15-6-21	15	060S	210E	4304739286		Federal	GW	APD	
N HORSESHOE 9-19-6-22	19	060S	220E	4304739287		Federal	GW	APD	
N HORSESHOE 13-19-6-22	19	060S	220E	4304739288		Federal	GW	APD	
N HORSESHOE 11-19-6-22	19	060S	220E	4304739289		Federal	GW	APD	
SQUAW RIDGE 16-13-7-24	13	070S	240E	4304739319		Federal	GW	APD	С
N HORSESHOE 16-7-6-22	07	060S	220E	4304739320		Federal	GW	APD	C
SQUAW RIDGE 8-16-7-25	16	070S	250E	4304738024		State	GW	NEW	C

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	N Horseshoe 13-16-6-21						
API number:	4304737575						
Location:	Qtr-Qtr: SWSW Section: 16 Township: 6S Range: 21E						
Company that filed original application:	The Houston Exploration Company						
Date original permit was issued:	06/29/2006						
Company that permit was issued to:	The Houston Exploration Company						

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<b>✓</b>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.		No
If located on private land, has the ownership changed?		1
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		1
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		<b>√</b>
Is bonding still in place, which covers this proposed well? Bond No. 6218963	<b>✓</b>	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Tami Hofmann	Title Regulatory Specialist
Signature Jami Homann	Date 08/02/2007
Representing (company name) Forest Oil Corporation	

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. GAS AND MINING

DIVISION OF OIL, GAS AND MINING			5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49317	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7. UNIT OF CA AGREEMENT NAME:	
1. TYPE OF WELL OIL WELL GAS WELL OTHER			8. WELL NAME and NUMBER: North Horseshoe 13-16-6-21	
2. NAME OF OPERATOR:			9. API NUMBER: 4304737575	
Forest Oil Corporation 3. ADDRESS OF OPERATOR:	<u></u>	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:	
707 17th ST Suite 3600 CITY Denver	STATE CO ZIP 80202	(303) 812-1700	Exploratory	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 716' FSL & 713' F			COUNTY: <b>Uintah</b>	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	SWSW 16 6S 21E		STATE: <b>UTAH</b>	
11. CHECK APPROPRIATE	BOXES TO INDICATE NATU	JRE OF NOTICE, REP	ORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
NOTICE OF INTENT	DEE	PEN	REPERFORATE CURRENT FORMATION	
(Submit in Duplicate) ALTER CA	ASING FRA	CTURE TREAT	SIDETRACK TO REPAIR WELL	
Approximate date work will start: CASING F		VCONSTRUCTION	TEMPORARILY ABANDON	
	——————————————————————————————————————	RATOR CHANGE	TUBING REPAIR	
SUBSEQUENT REPORT CHANGE		G AND ABANDON	VENT OR FLARE	
(Submit Original Form Only)	=	G BACK	WATER CHIEF OFF	
Date of work completion:		DDUCTION (START/RESUME)	WATER SHUT-OFF	
		COMPLETE - DIFFERENT FORMATION	OTHER: Extension	
12. DESCRIBE PROPOSED OR COMPLETED OPE	•			
The Operator respectfully requests a	one year approval extension	for the subject location.		
	Approved by t	ho		
	Approved by t Utah Division	of		
	Oil, Gas and Mir			
	on, odo dria min	9		
	- 81 20 6	$\sim$		
Date: <u>04-29-06</u>				
By: COPY SENT TO OPERATOR				
Date: 5.1.2008				
Initials: K5				
NAME (PLEASE PRINT) Ginger Bowden	<del>a la construir de la construir de la construir de la construir de la const</del> ue de la constantia del constantia del constantia del constantia de la constantia del constanti	TITLE Agent		
NAME (PLEASE PRINT) Ginger Bowden				
SIGNATURE OTHER BOWN	un	DATE 4/16/2008		

(This space for State use only)

RECEIVED APR 2 8 2008

# Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:

4304737575

Well Name: North Horseshoe 13-16-6-21	
Location: Section 16, Township 6 South Company Permit Issued to: Forest O	il Corporation (Houston Exploration Co)
Date Original Permit Issued: 6/15/2000	•
The undersigned as owner with legal rigations in the information is the information to drill, remains value to the information to drill, remains value in the information to drill, remains value in the information to drill, remains value in the information in t	
Following is a checklist of some items represented.	related to the application, which should be
f located on private land, has the owne agreement been updated? Yes⊡No⊠	•
Have any wells been drilled in the vicin he spacing or siting requirements for the	ity of the proposed well which would affect his location? Yes□ No ☑
Has there been any unit or other agree permitting or operation of this proposed	ments put in place that could affect the I well? Yes□ No ☑
Have there been any changes to the acord-way, which could affect the proposed	ccess route including ownership, or right- d location? Yes⊡No ☑
Has the approved source of water for d	rilling changed? Yes□No☑
Have there been any physical changes which will require a change in plans fro evaluation? Yes□No☑	to the surface location or access route m what was discussed at the onsite
s bonding still in place, which covers the	nis proposed well? Yes⊠No□
Ainger Bourden	4/16/2008
Signature	Date
Title: Agent	
Representing: Forest Oil Corporation	
	RECEIVED
	APR 2 8 2008



Lieutenant Governor

## State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

## Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 18, 2009

Forest Oil Corporation 707 17<sup>th</sup> Street, Suite 3600 Denver, CO 80202

Re: <u>APD Rescinded – N Horseshoe 13-16-6-21, Sec. 16, T.6S, R.21E</u>

Uintah County, Utah API No. 43-047-37575

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on June 29, 2006. On May 21, 2007 and April 29, 2008 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 18, 2009.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

**Environmental Scientist** 

cc: Well File

SITLA, Ed Bonner

